



---

**Mack Models**

**Mack Model** Cabover , LR , LEU , MRU-TerraPro , Conventional , CHU-Pinnacle, Axle back , C XU-Pinnacle, Axel forward , GU-Granite , TD-Titan

---

**Volvo Models**

**Volvo Model** Conventional , VNX , VNL , VNM , VHD , VAH

---

**Engine family**

Engine family Volvo , 11L Engine , 13L Engine , 16L Engine , Mack , MP7 , MP8 , MP10

---

**Emission Standard**

Emission Standard US13 OBD , US14

---

**\*\* SOLUTION \*\***

**Title** *Expired - \*\* Tech Tip \*\* TT - 001 - 2015 - How And When To Diagnose A P0402 Code*

---

**Cause** **OBD 2013 / GHG ( 2014 ) Trucks with P0402 codes.**

We have seen an increased number of trucks ( specifically OBD 2013 ) logging P0402 codes intermittently ( once a week or less ) with **EMS Main SW 22396799** or later.

We believe this fault code ( DTC ) is NOT turning on any lamps on these vehicles.

This code would not cause any other engine performance issues, as this code gets logged in - frequently.

We are still investigating reasons for this significant uptick in P0402 codes with latest EMS software.

---

**Solution** For more information refer to \*\* Tech Tip \*\* TT - 001 - 2015 - How And When To Diagnose a P0402 code found in the Trucks Dealer Portal Under the Uptime tab - Service - Tech Support - Tech Support Tips.

---

Solution visibility **Dealer distribution**

---

**Function(s)/component(s) affected**

Function affected TT , 110 EMS , EECU , Diagnostic tool

---

**Function Group**

Function Group 29 miscellaneous

---

**Customer effect**

Main customer effect calibration/programming/pairing/missing operation , diagnostics/methodology , efficiency/abnormal behavior

---

**Fault code(s)**

---

---

## Conditions

---

Vehicle operating mode            when driving , when stationary

---

Frequency of occurrence of  
problem                                always

---

## Administration

---

Author                                    A241298

---

Last modified by                      RU4469V

---

Creation date                          17-01-2017 19:01

---

Date of last update                    25-09-2018 20:09

---

Status                                    *Expired*

---